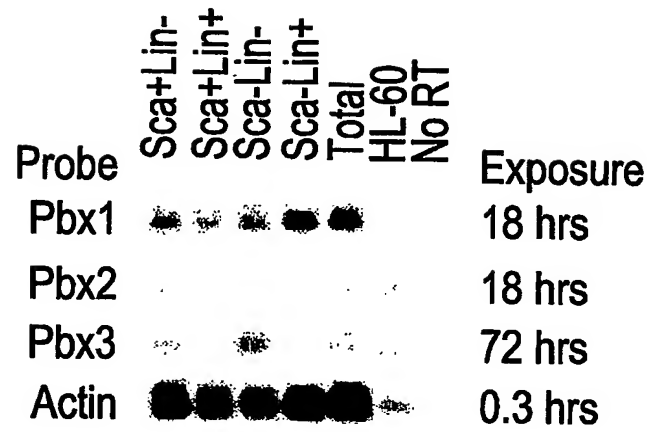
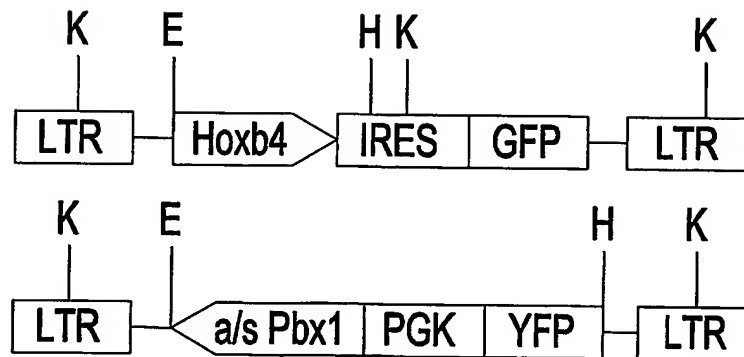


1 / 8

FIG. 1FIG. 2

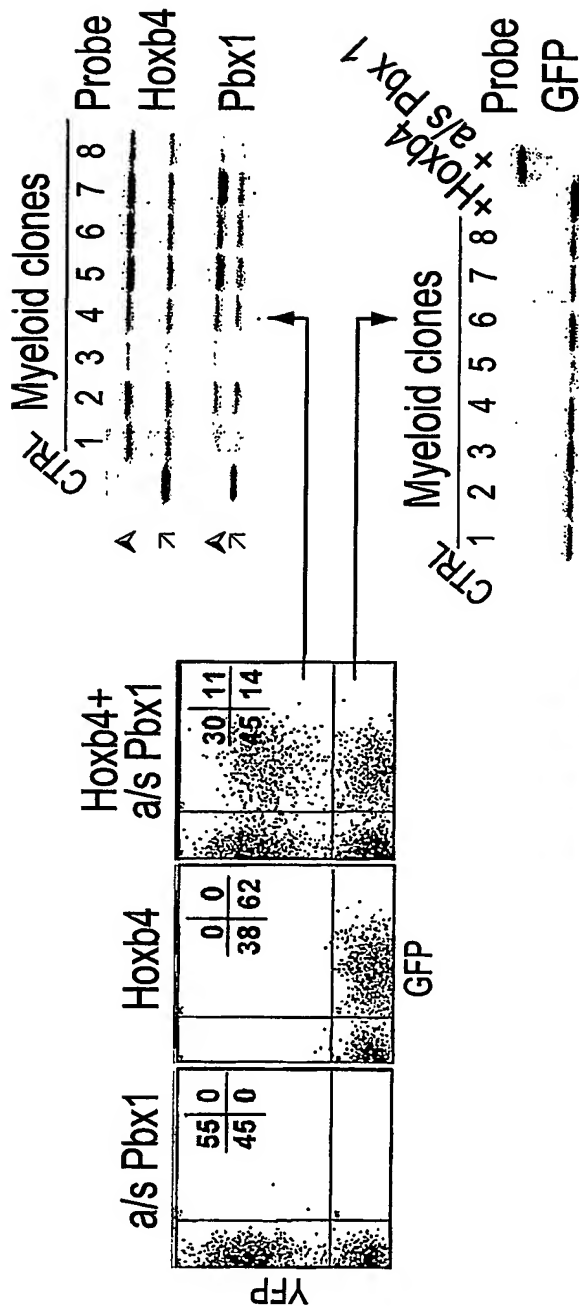


Figure 3

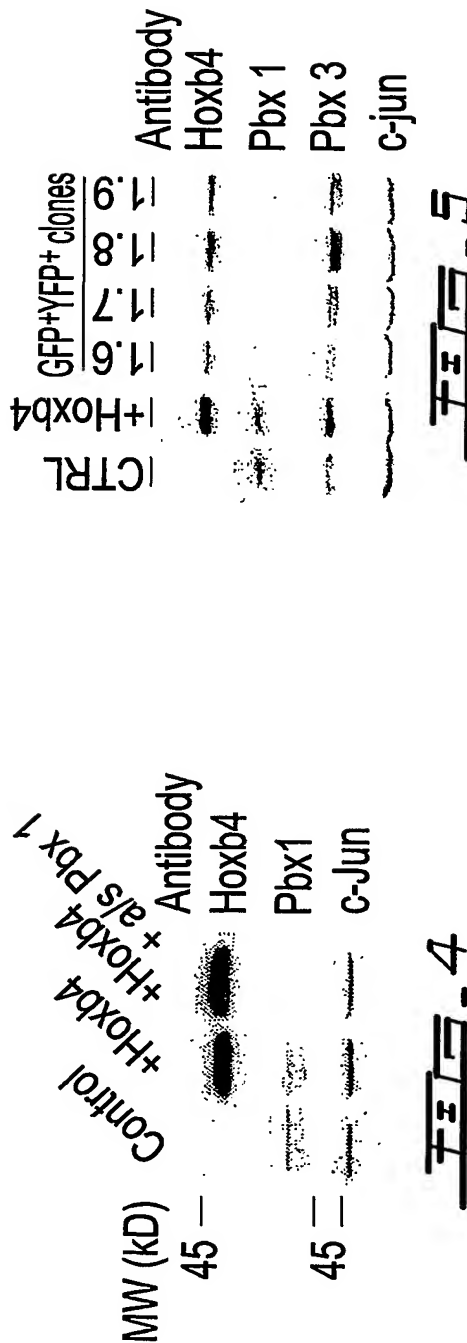


Figure 4

3 / 8

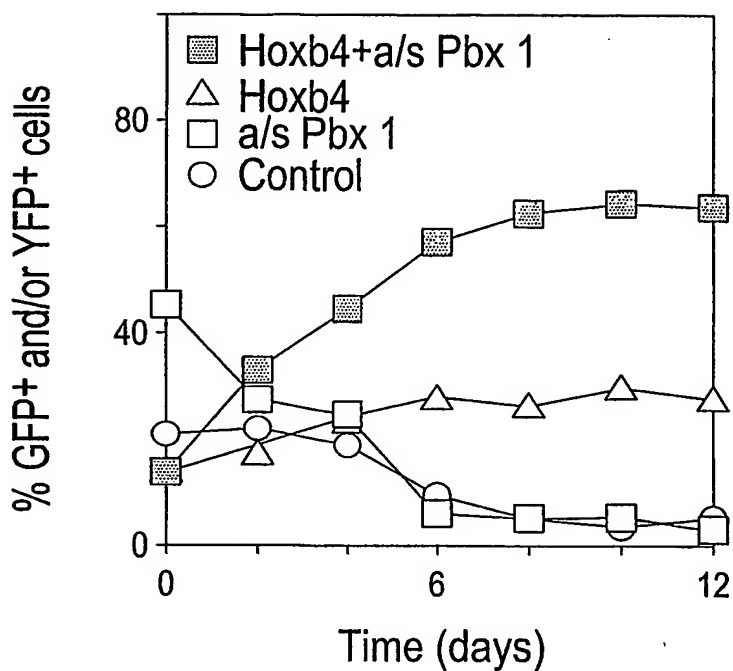


FIG. 6

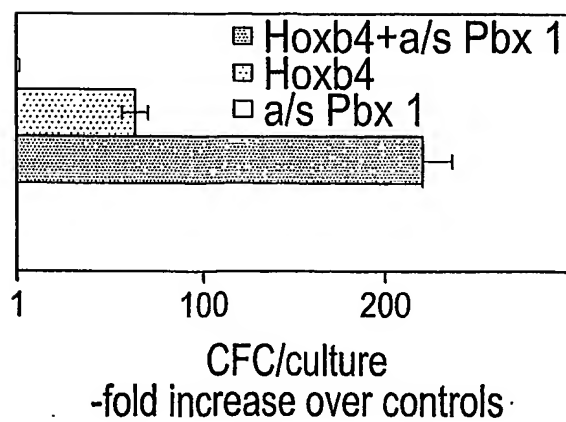
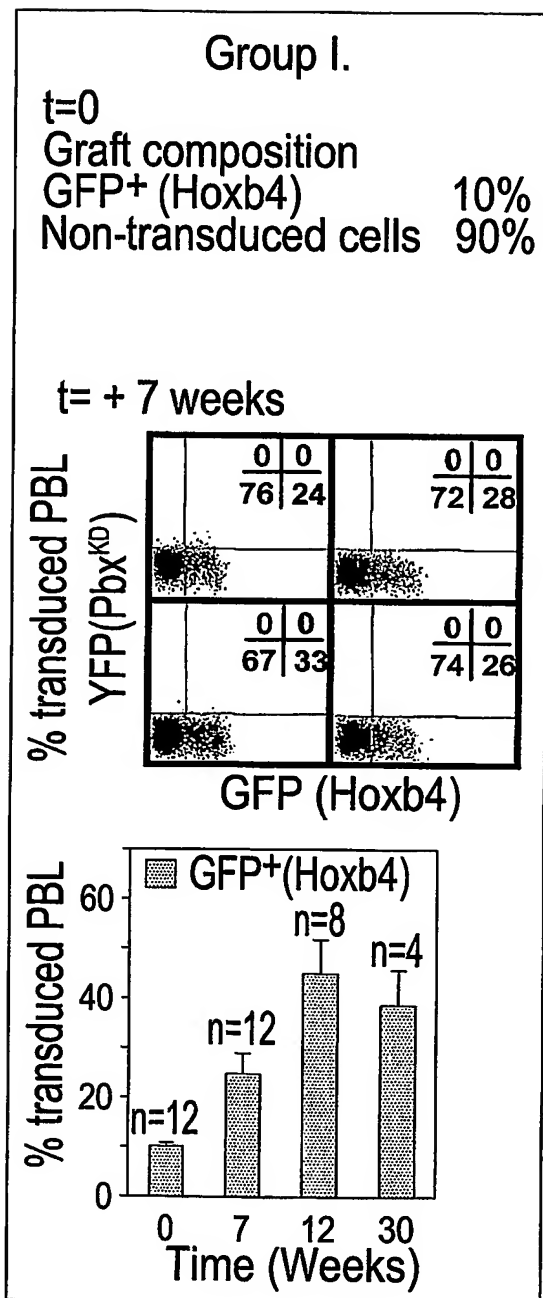
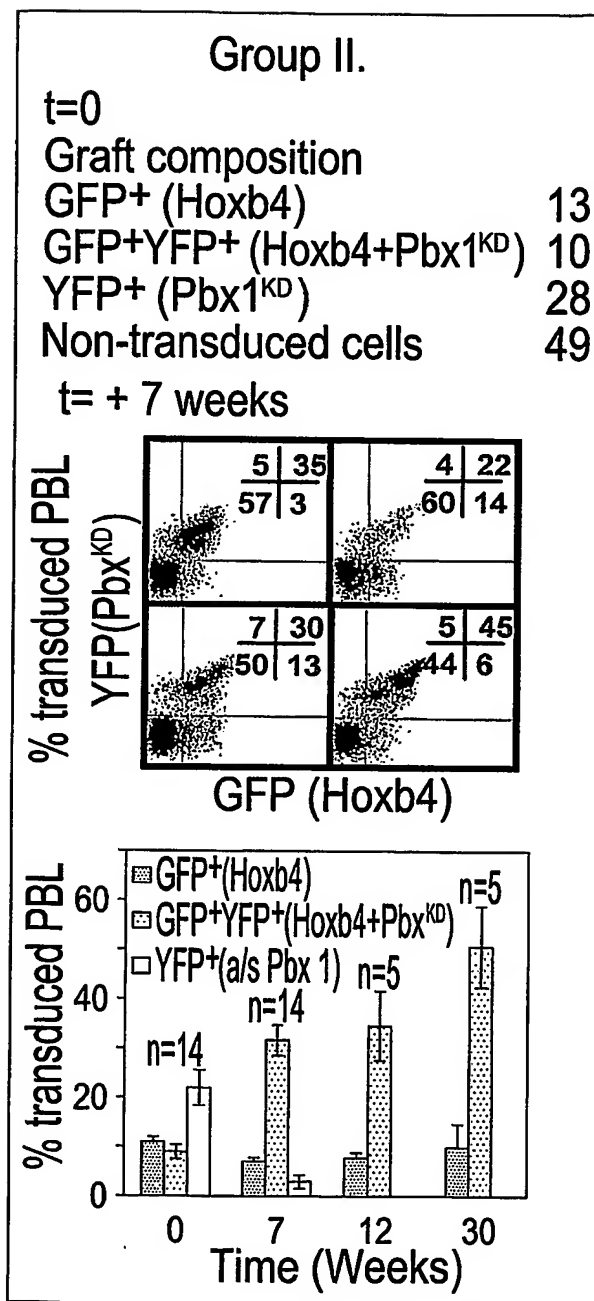


FIG. 7

4 / 8



FIS - 8



FIS - 9

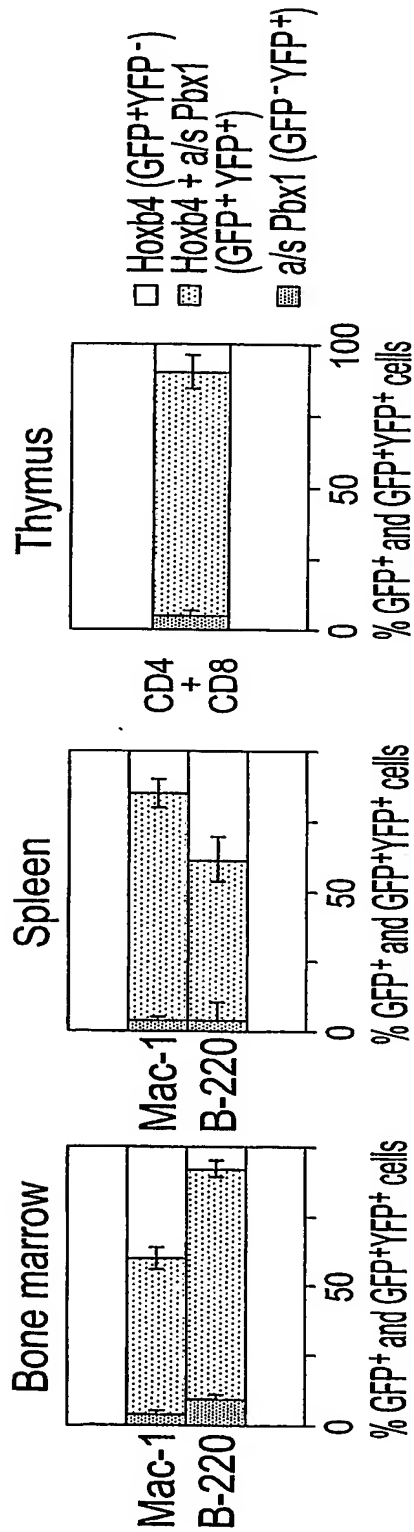


FIG. 10A

FIG. 10B

FIG. 10C

5 / 8

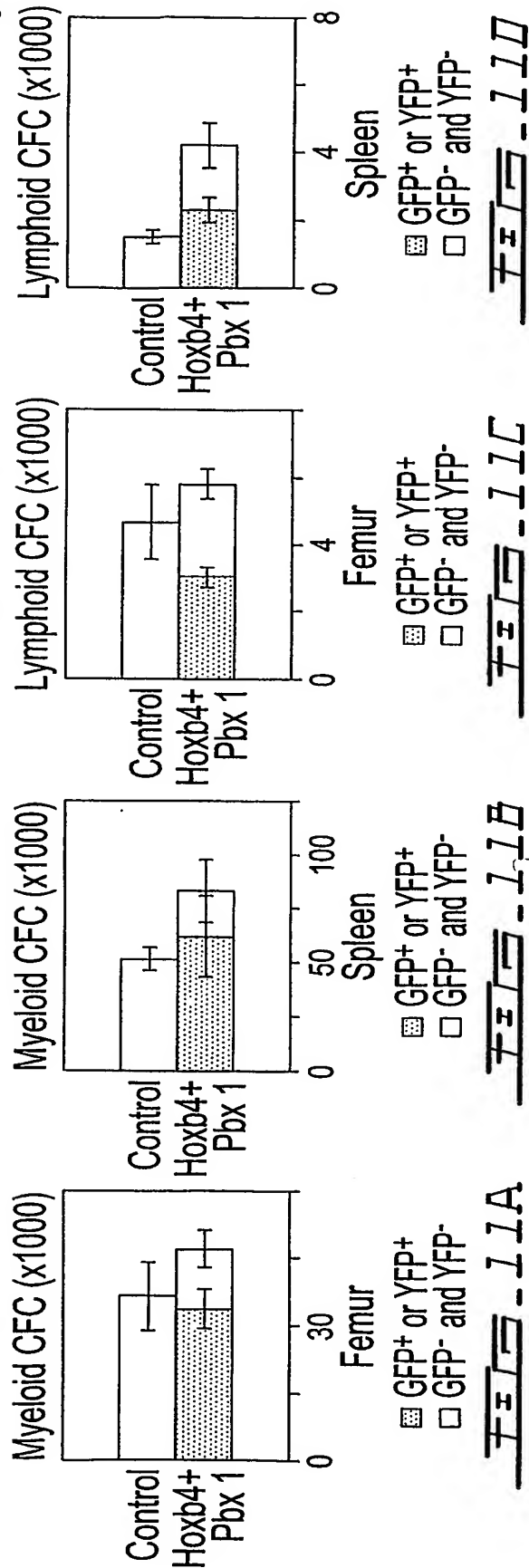


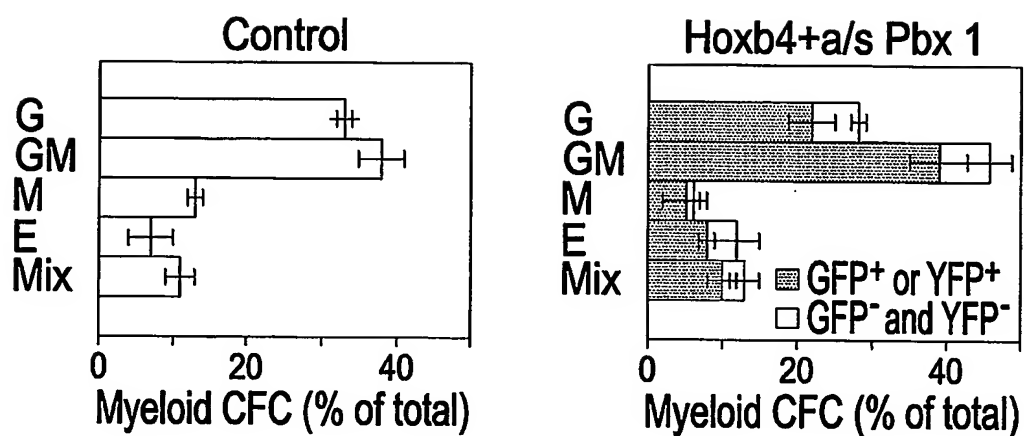
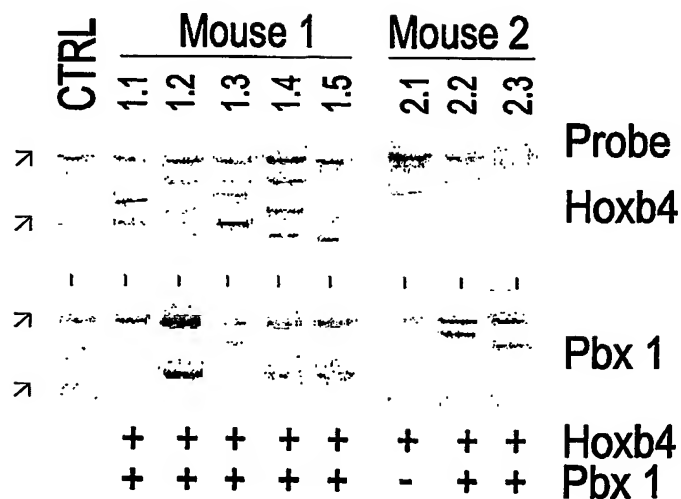
FIG. 11A

FIG. 11B

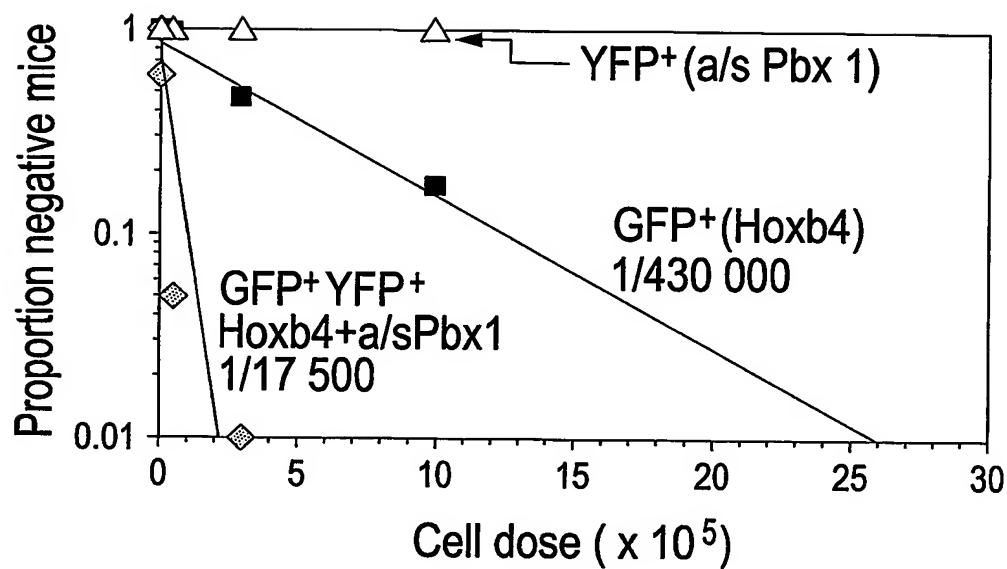
FIG. 11C

FIG. 11D

6 / 8

FIG. 12AFIG. 12BFIG. 13

7 / 8

FIG. 14

Secondary recipients Hoxb4 + (Hoxb4+a/s Pbx 1b)

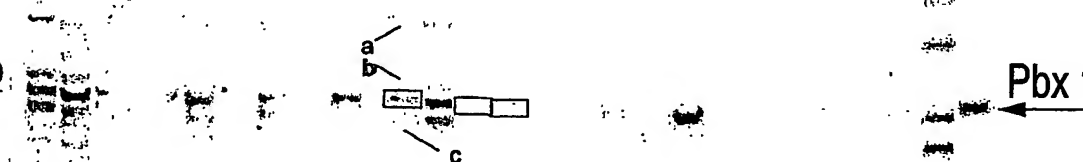
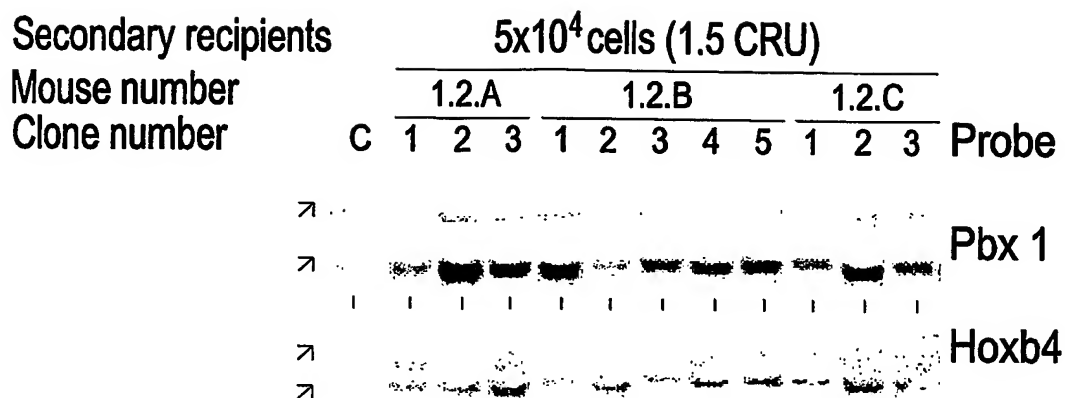
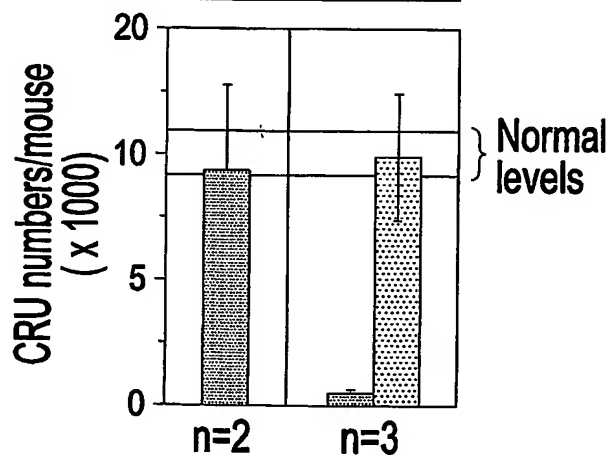
| Donor | 3x10 ⁵ cells 9 CRU | | | | | | 5x10 ⁴ cells 1.5 CRU | | | | | | 5000 cells 0.15 CRU | | | Hoxb4 a/s Pbx 1b | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------------------|----|----|-------|---|-------|------------------------------------|-------|---|-------|---|-------|------------------------|-------|---|---------------------|-------|---|---|-------------------------------------|----|----|----|----|---|---|---|---|------------------|---|---|---|---|---|---|---|---|
| | 1 | | | 1.1.A | | 1.1.B | | 1.2.A | | 1.2.B | | 1.2.C | | 1.2.D | | | 1.3.A | | | | | | | | | | | | | | | | | | | | |
| | B | S | T | B | S | T | B | S | T | B | S | T | B | S | T | | B | S | T | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>% PBL</p> <table><tr><td>YFP⁺ + GFP⁺</td><td>35</td><td>35</td><td>24</td><td>13</td><td>5</td><td>9</td><td>6</td><td>3</td></tr><tr><td>GFP⁺</td><td>8</td><td>5</td><td>5</td><td>2</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></table> | | | | | | | | | | | | | | | | | | | | YFP ⁺ + GFP ⁺ | 35 | 35 | 24 | 13 | 5 | 9 | 6 | 3 | GFP ⁺ | 8 | 5 | 5 | 2 | 0 | 0 | 0 | 0 |
| YFP ⁺ + GFP ⁺ | 35 | 35 | 24 | 13 | 5 | 9 | 6 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GFP ⁺ | 8 | 5 | 5 | 2 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FIG. 15

8 / 8

FIG. 16

| Cells | Transplant, t ₀ (% of total) | |
|---------------------------------|--|----|
| Hoxb4 | 10 | 13 |
| Hoxb4+ a/s Pbx 1 | 0 | 10 |
| A/s Pbx 1 | 0 | 28 |
| Non-transduced competitor cells | 90 | 49 |

FIG. 17